

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036758.D
 Acq On : 28 Mar 2025 04:22
 Operator : RC/JU
 Sample : PB167269BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167269BL

Quant Time: Mar 28 05:37:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

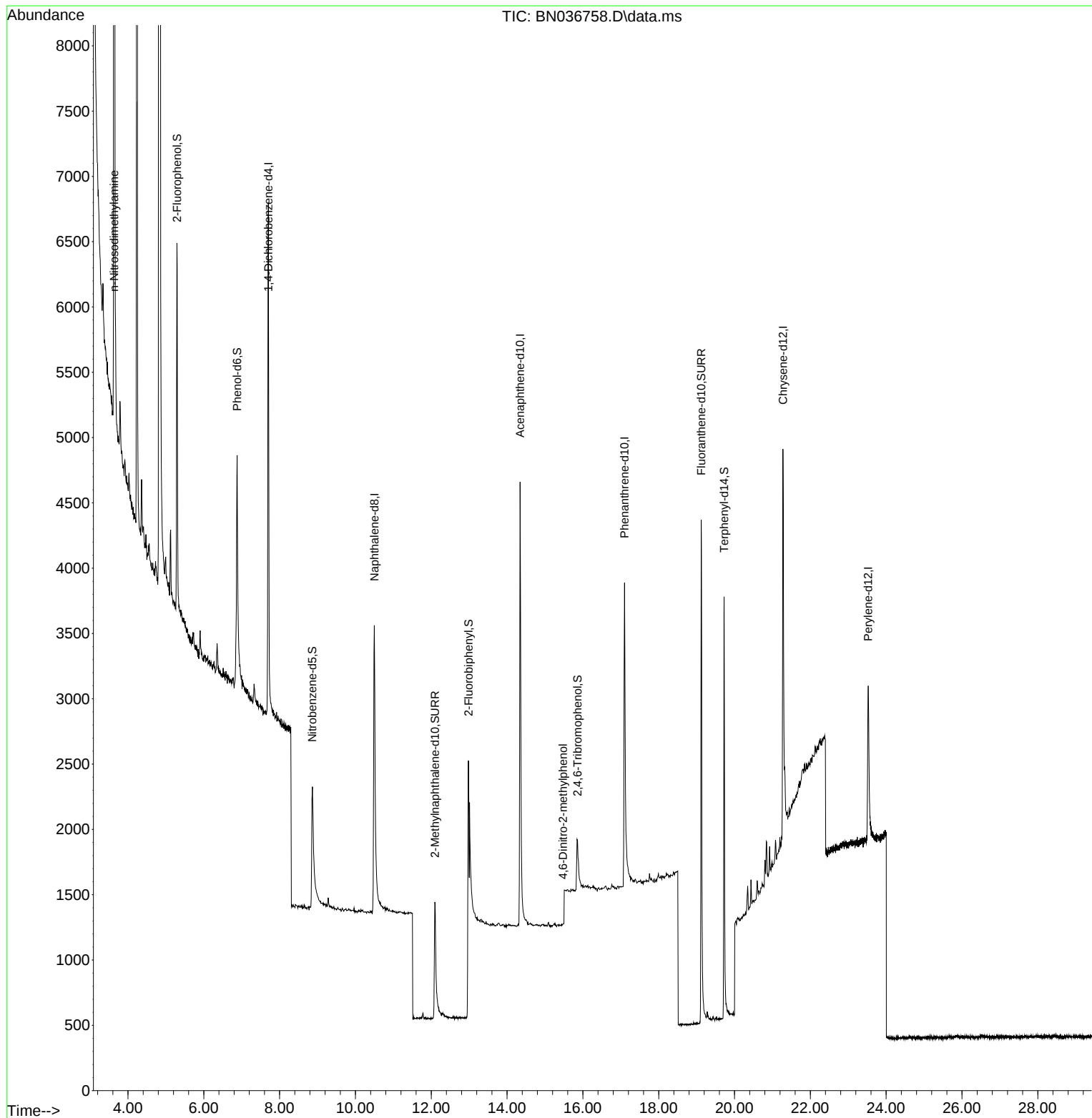
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	2126	0.400	ng	-0.02
7) Naphthalene-d8	10.498	136	4744	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2602	0.400	ng	-0.02
19) Phenanthrene-d10	17.099	188	5169	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3967	0.400	ng	-0.02
35) Perylene-d12	23.528	264	2206	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	2117	0.427	ng	-0.01
5) Phenol-d6	6.879	99	2225	0.364	ng	-0.02
8) Nitrobenzene-d5	8.864	82	1610	0.312	ng	-0.01
11) 2-Methylnaphthalene-d10	12.095	152	2360	0.334	ng	-0.02
14) 2,4,6-Tribromophenol	15.857	330	426	0.361	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	4427	0.292	ng	0.00
27) Fluoranthene-d10	19.122	212	5420	0.409	ng	-0.02
31) Terphenyl-d14	19.726	244	3725	0.392	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.636	42	1810	0.379	ng	# 7
20) 4,6-Dinitro-2-methylph...	15.478	198	2	0.147	ng	# 13

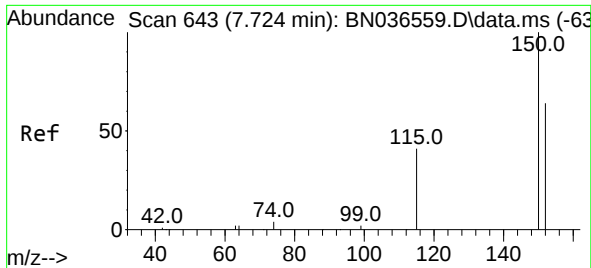
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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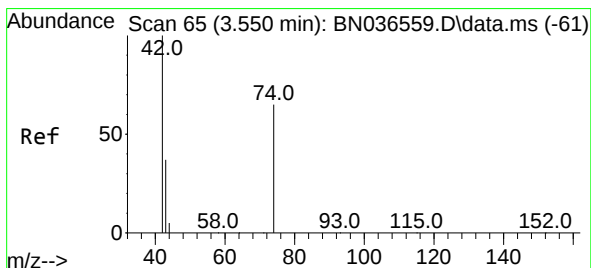
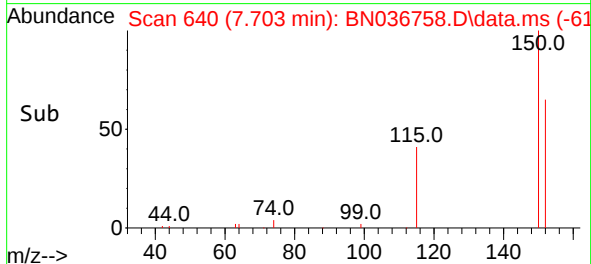
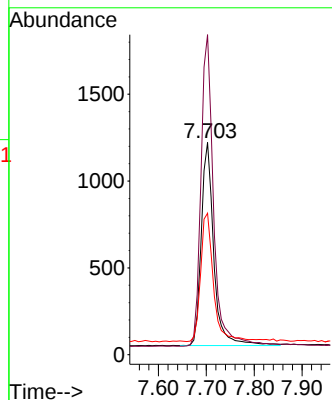
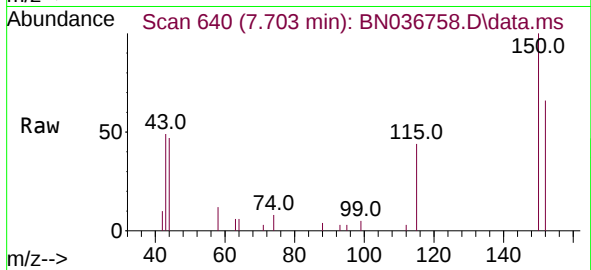




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.703 min Scan# 64
Delta R.T. -0.021 min
Lab File: BN036758.D
Acq: 28 Mar 2025 04:22

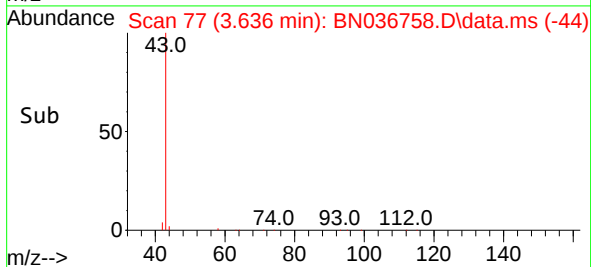
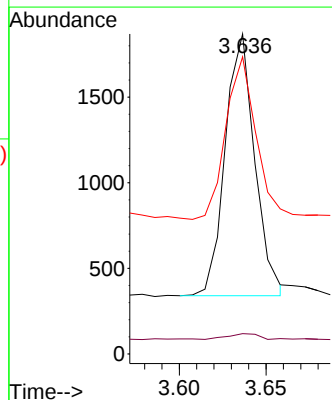
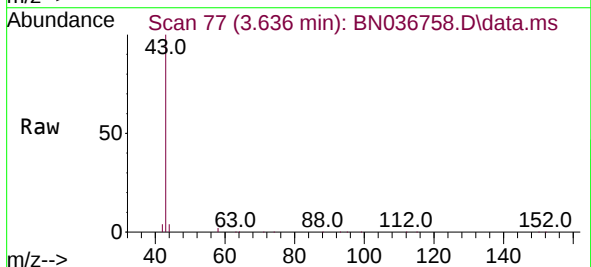
Instrument :
BNA_N
ClientSampleId :
PB167269BL

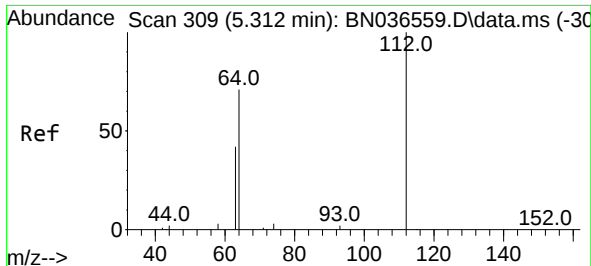
Tgt Ion:152 Resp: 2126
Ion Ratio Lower Upper
152 100
150 150.8 123.7 185.5
115 66.7 54.3 81.5



#3
n-Nitrosodimethylamine
Concen: 0.379 ng
RT: 3.636 min Scan# 77
Delta R.T. 0.087 min
Lab File: BN036758.D
Acq: 28 Mar 2025 04:22

Tgt Ion: 42 Resp: 1810
Ion Ratio Lower Upper
42 100
74 2.3 60.6 90.8#
44 63.1 6.3 9.5#

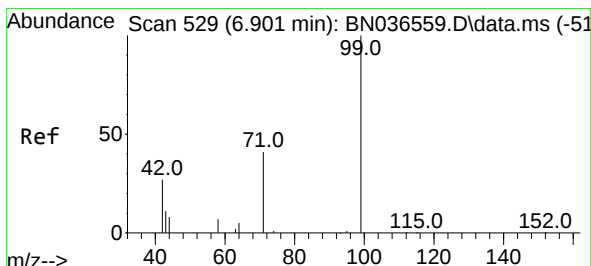
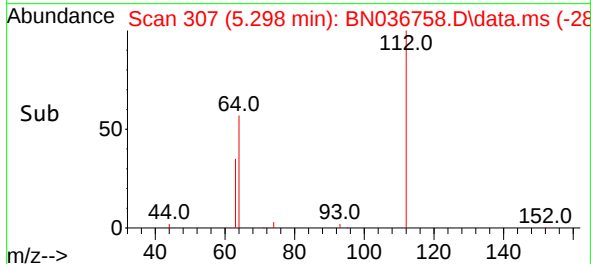
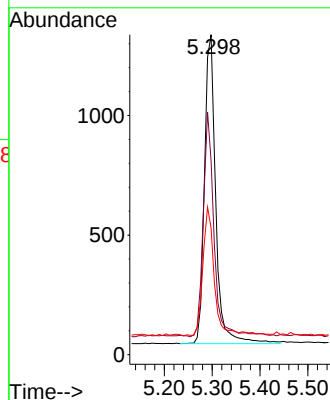
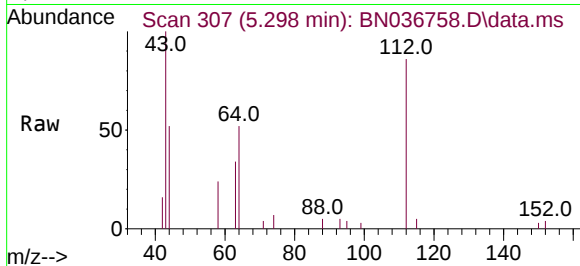




#4
2-Fluorophenol
Concen: 0.427 ng
RT: 5.298 min Scan# 309
Delta R.T. -0.014 min
Lab File: BN036758.D
Acq: 28 Mar 2025 04:22

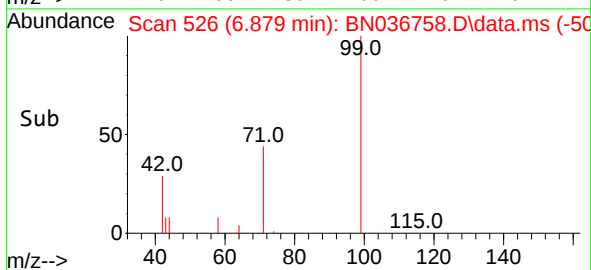
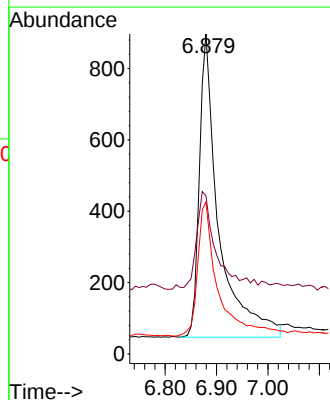
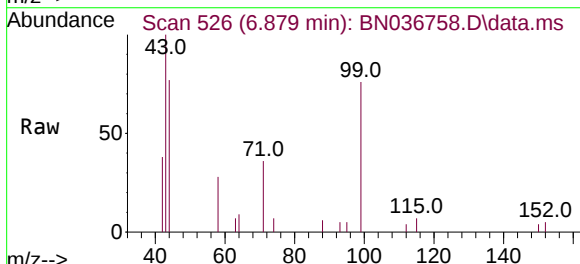
Instrument :
BNA_N
ClientSampleId :
PB167269BL

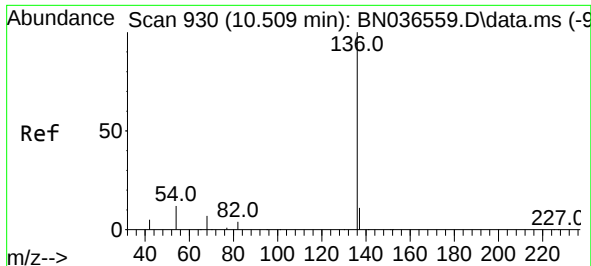
Tgt Ion:112 Resp: 2117
Ion Ratio Lower Upper
112 100
64 69.8 53.1 79.7
63 42.0 31.8 47.8



#5
Phenol-d6
Concen: 0.364 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036758.D
Acq: 28 Mar 2025 04:22

Tgt Ion: 99 Resp: 2225
Ion Ratio Lower Upper
99 100
42 33.1 26.5 39.7
71 46.4 34.1 51.1

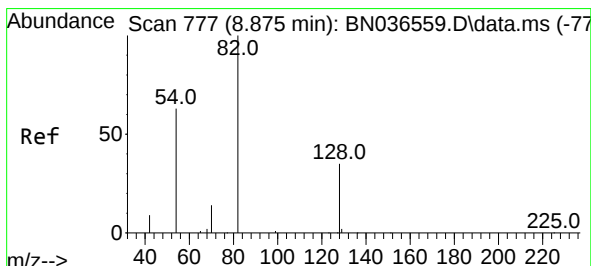
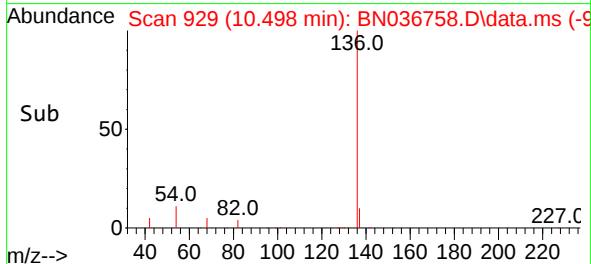
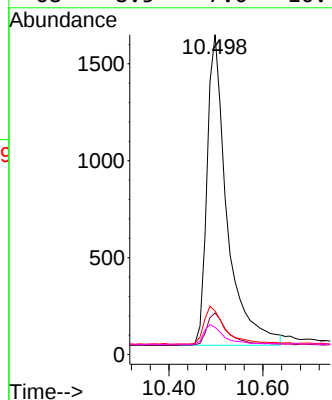
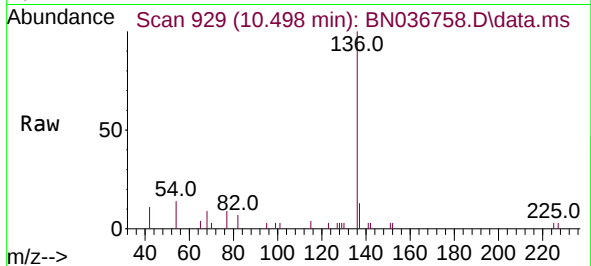




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036758.D
Acq: 28 Mar 2025 04:22

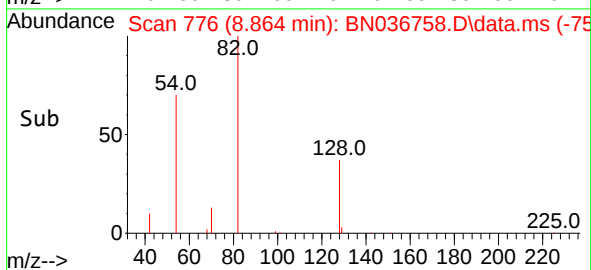
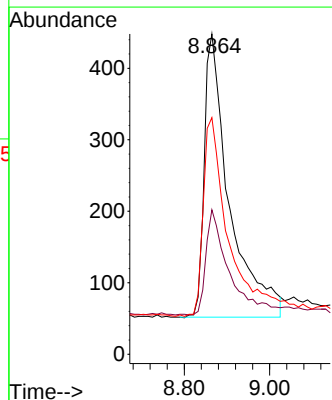
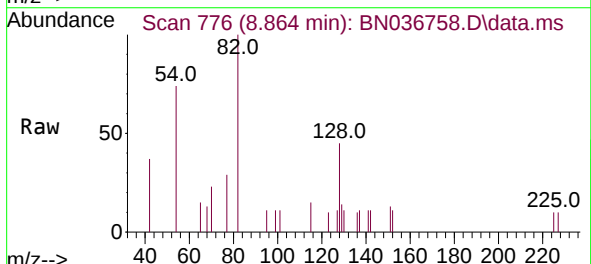
Instrument :
BNA_N
ClientSampleId :
PB167269BL

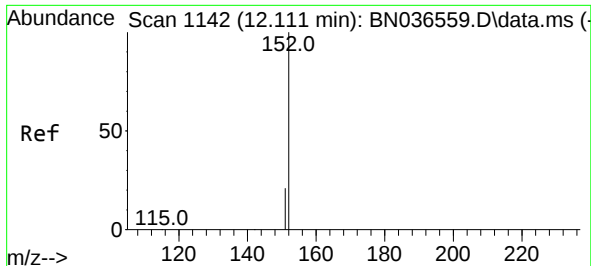
Tgt Ion:	136	Resp:	4744
Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.3	15.5
54	13.6	11.5	17.3
68	8.5	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036758.D
Acq: 28 Mar 2025 04:22

Tgt Ion:	82	Resp:	1610
Ion	Ratio	Lower	Upper
82	100		
128	45.1	30.6	45.8
54	73.9	52.2	78.4

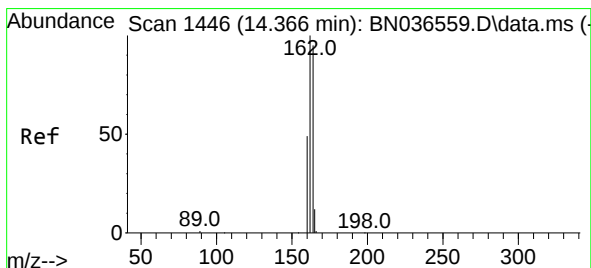
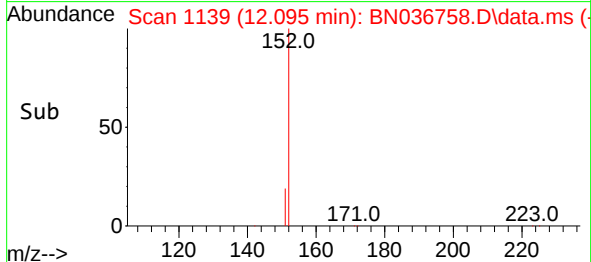
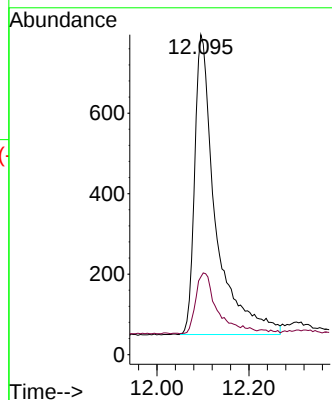
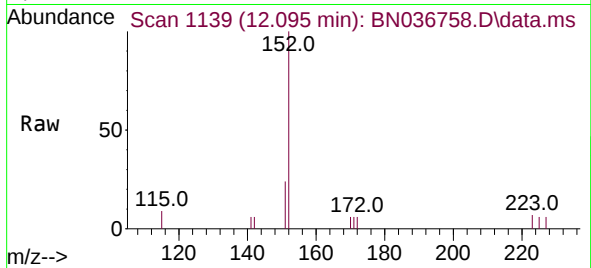




#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.095 min Scan# 1139
Delta R.T. -0.015 min
Lab File: BN036758.D
Acq: 28 Mar 2025 04:22

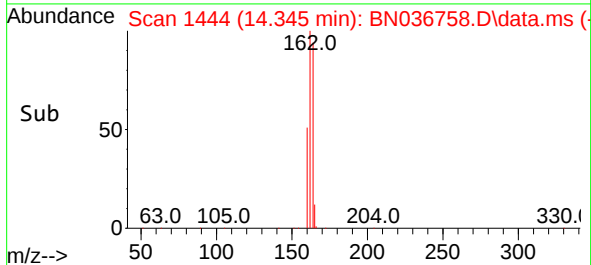
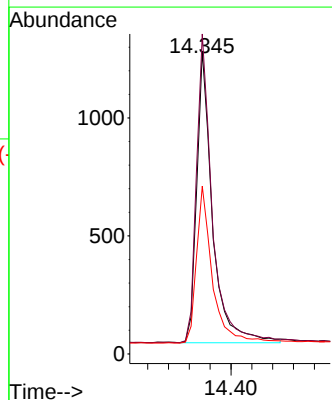
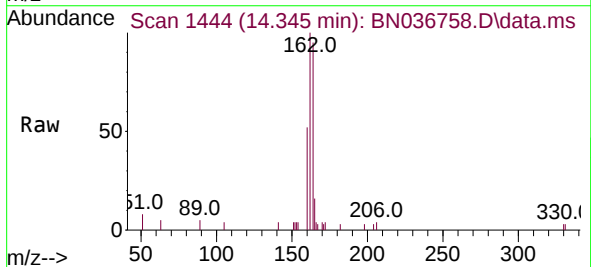
Instrument :
BNA_N
ClientSampleId :
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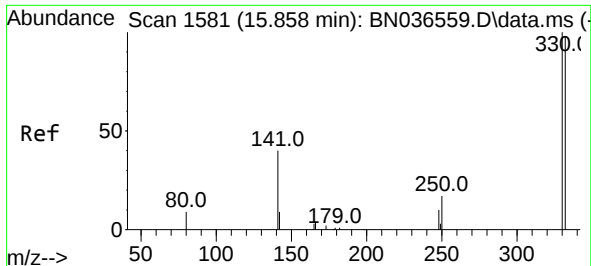
Tgt Ion:152 Resp: 2360
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036758.D
Acq: 28 Mar 2025 04:22

Tgt Ion:164 Resp: 2602
Ion Ratio Lower Upper
164 100
162 105.7 84.2 126.2
160 55.4 42.2 63.2

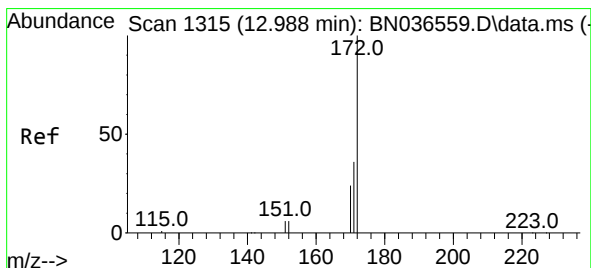
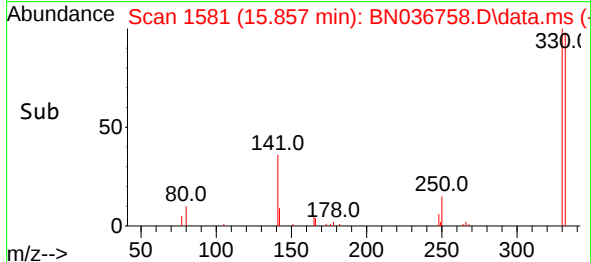
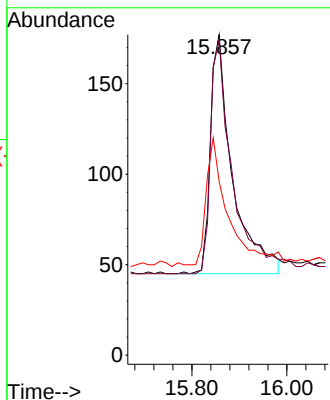
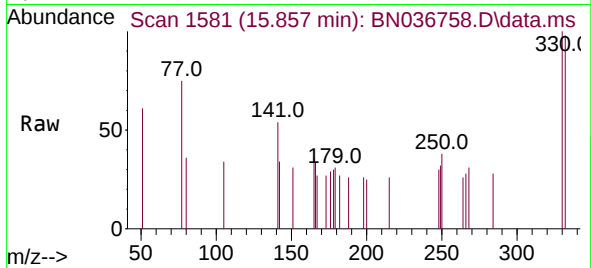




#14
2,4,6-Tribromophenol
Concen: 0.361 ng
RT: 15.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036758.D
Acq: 28 Mar 2025 04:22

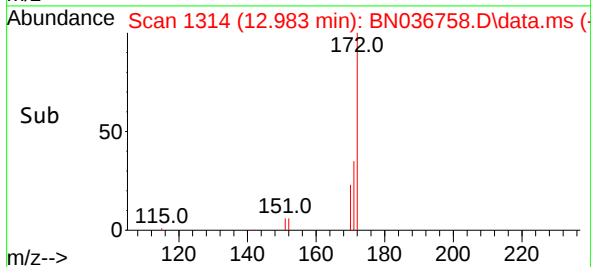
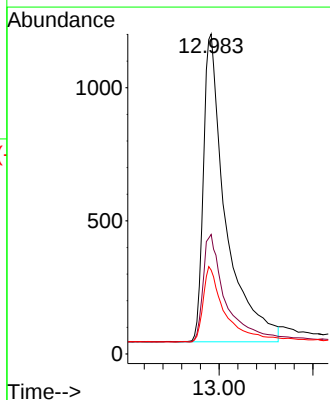
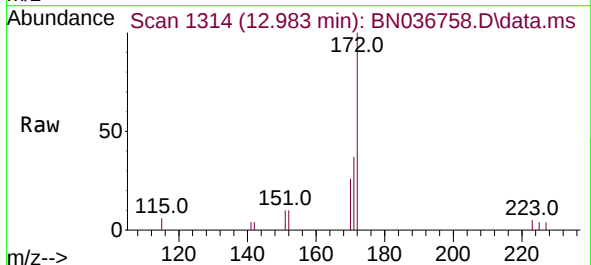
Instrument :
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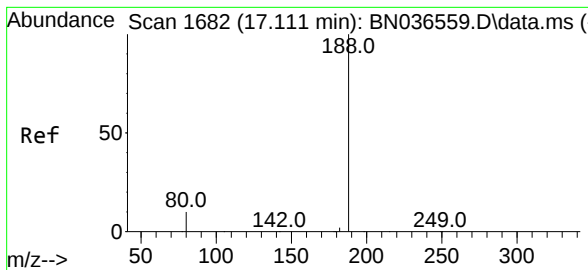
Tgt Ion:330 Resp: 426
Ion Ratio Lower Upper
330 100
332 96.9 75.2 112.8
141 50.7 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036758.D
Acq: 28 Mar 2025 04:22

Tgt Ion:172 Resp: 4427
Ion Ratio Lower Upper
172 100
171 37.4 29.5 44.3
170 26.2 20.2 30.4

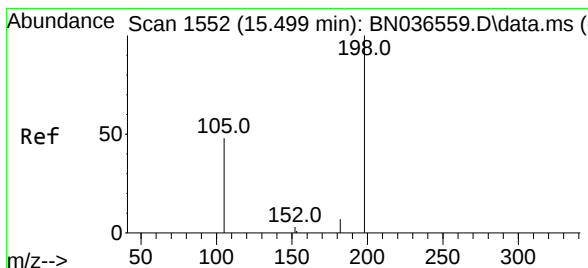
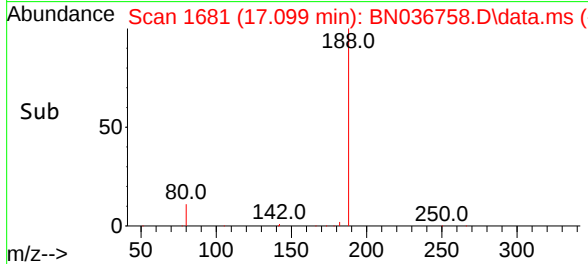
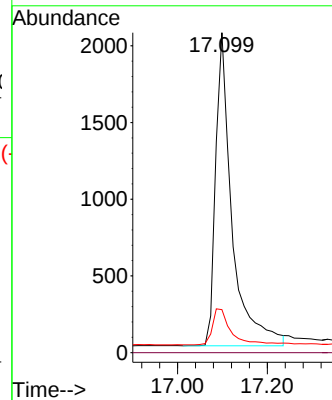
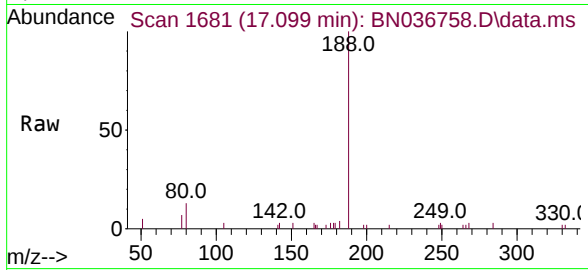




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036758.D
Acq: 28 Mar 2025 04:22

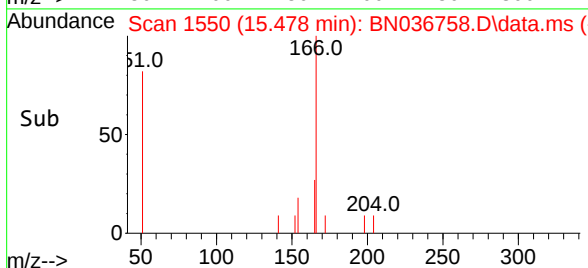
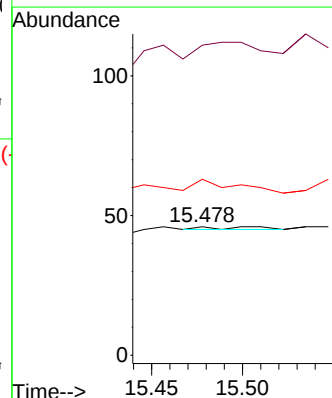
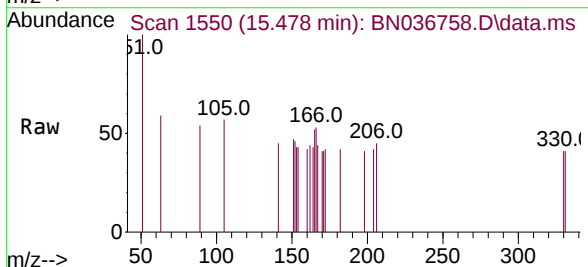
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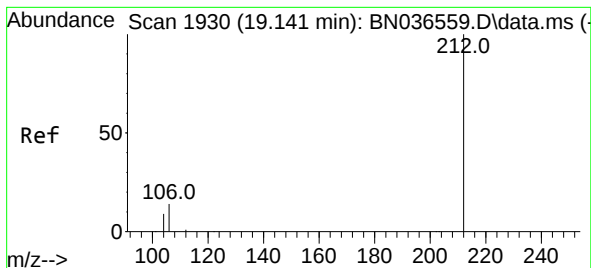
Tgt Ion:188 Resp: 5169
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.021 min
Lab File: BN036758.D
Acq: 28 Mar 2025 04:22

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 241.3 107.9 161.9#
105 137.0 56.2 84.2#





#27

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.122 min Scan# 19

Delta R.T. -0.019 min

Lab File: BN036758.D

Acq: 28 Mar 2025 04:22

Instrument :

BNA_N

ClientSampleId :

PB167269BL

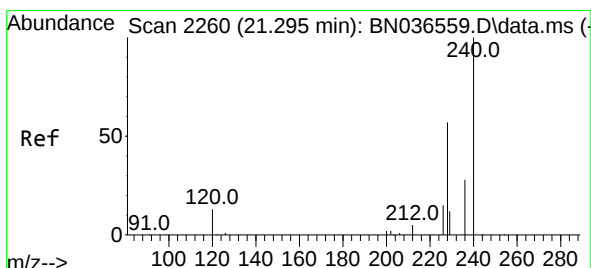
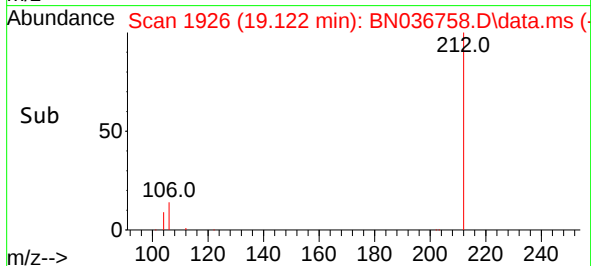
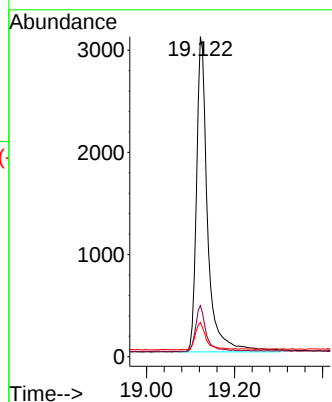
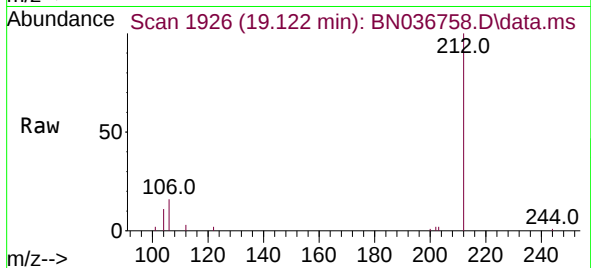
Tgt Ion:212 Resp: 5420

Ion Ratio Lower Upper

212 100

106 13.5 11.8 17.6

104 8.5 7.3 10.9



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.277 min Scan# 2258

Delta R.T. -0.018 min

Lab File: BN036758.D

Acq: 28 Mar 2025 04:22

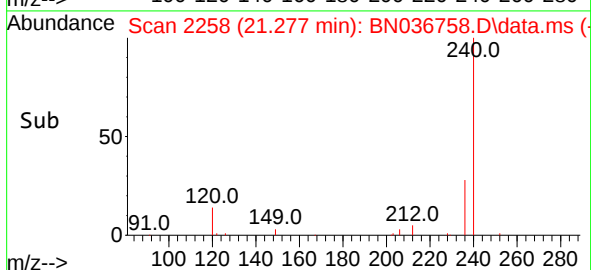
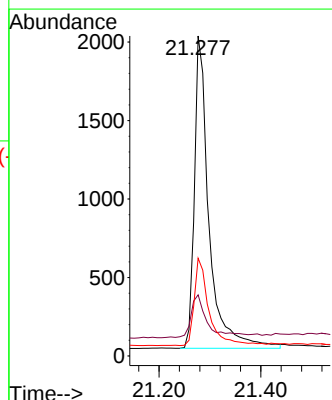
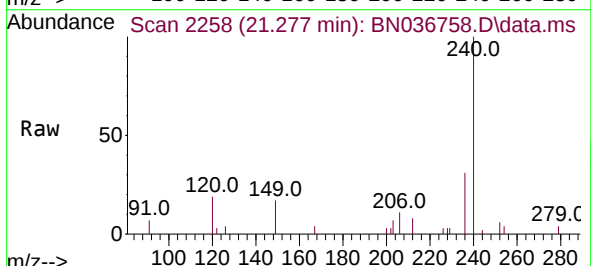
Tgt Ion:240 Resp: 3967

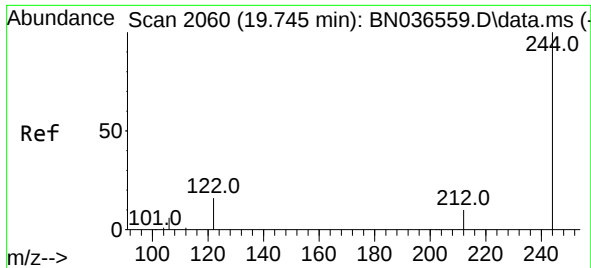
Ion Ratio Lower Upper

240 100

120 19.1 14.6 22.0

236 30.6 24.1 36.1

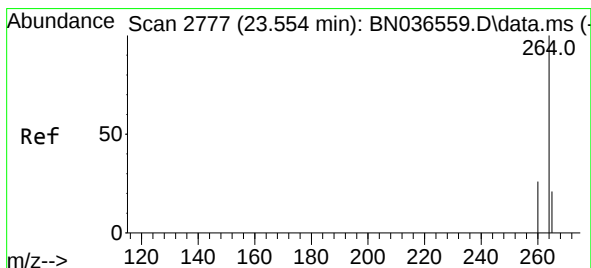
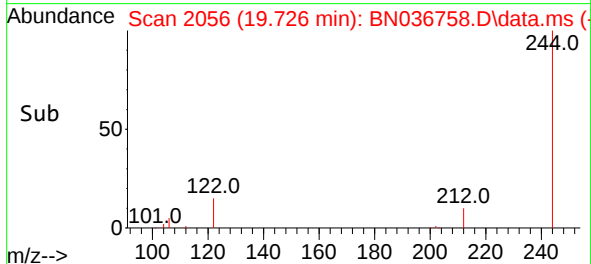
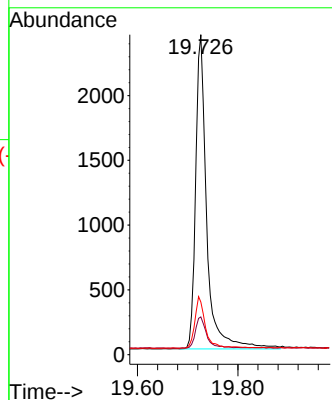
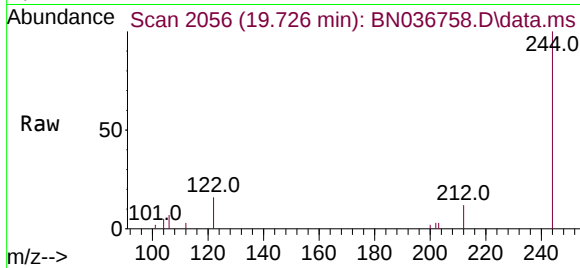




#31
Terphenyl-d14
Concen: 0.392 ng
RT: 19.726 min Scan# 2060
Delta R.T. -0.019 min
Lab File: BN036758.D
Acq: 28 Mar 2025 04:22

Instrument :
BNA_N
ClientSampleId :
PB167269BL

Tgt Ion:244 Resp: 3725
Ion Ratio Lower Upper
244 100
212 11.8 9.6 14.4
122 16.4 13.9 20.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.528 min Scan# 2768
Delta R.T. -0.026 min
Lab File: BN036758.D
Acq: 28 Mar 2025 04:22

Tgt Ion:264 Resp: 2206
Ion Ratio Lower Upper
264 100
260 30.3 22.6 33.8
265 139.8 88.1 132.1#

